

**AMENDMENTS TO THE CLAIMS:**

*This listing of the claims below will replace all prior versions and listing of claims:*

Claims 1-11. (Canceled)

Claim 12. (Currently amended) ~~A ligand~~ An isolated antibody able to that selectively binds a ~~BACE455 polypeptide or a distinctive fragment thereof~~ polypeptide comprising at least SEQ ID NO: 3, or a fragment or derivative of said antibody having substantially the same antigen specificity, wherein the fragment or derivative is a Fab fragment, a Fab'2 fragment, a CDR fragment, a single chain antibody, a human antibody or a humanized antibody.

Claim 13. (Currently amended) ~~The ligand antibody of claim 12, which comprises a polypeptide comprising an antibody, a fragment of an antibody, or a derivative of an antibody~~ is a monoclonal antibody.

Claim 14. (Currently amended) ~~The polypeptide antibody, fragment or derivative of claim 13, which selectively binds a polypeptide comprising SEQ ID NO: 2 distinctive fragment of a BACE455 polypeptide.~~

Claims 15-18. (Canceled)

Claim 19. (New) The antibody, fragment or derivative of claim 12, which selectively binds a polypeptide comprising SEQ ID NO: 2.